

# CMX222

DMX-AES cable - flex 2 x 0.34 mm<sup>2</sup> - 22 AWG - FlamoFlex™

## Highlights:

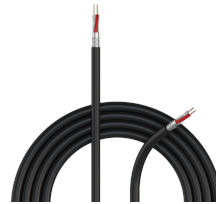
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- Double shielding (Al-foil + Braiding)
- FlamoFlex™ IEC 60332-1 installation jacket
- 110 Ohm digital signal cable

## Product information:

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The CMX222 is an 110 Ohm DMX-AES Digital signal cable featuring a FlamoFlex™ outer jacket compliant to the IEC 60332-1 standard regarding fire and flammability resistance in public installations. The FlamoFlex™ material is specifically designed with installers convenience in mind, offering a smooth and durable outer jacket for easy installation and pulling. Its 22 AWG (0.34mm<sup>2</sup>) tinned copper conductor section is surrounded by a double shielding consisting of an aluminum foil and high coverage tinned copper braiding. This ensures an optimal signal transmission with high immunity to noise and interference caused by external devices.



## Properties:

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Inner Conductors:



Shielding:



Product Features:

Application	null
Series	null

Physical Characteristics:

Inner conductor	Insulation	Colours	White / Red
		Material	FPE 2 mm (Ø)
Overall shielding	Aluminium foil		null
	Braiding		TC 16 x 8 x 0.10 mm (Ø) (OFC)
Outer jacket	Material		NHFR 5.5 mm (Ø)
	Colours		Black
Type of cable			110 Ω DMX-AES cable
Inner conductor	Material		TC 17 x 0.16 mm (Ø) (OFC)
	Section		0.00053 "²
Filling			None
Separator			None
Inner conductor	American Wire Gauge		22 AWG
	Number of conductors		2
	Conductor twisting		Yes

Standards & regulations:

RoHS2 compliant	According EU Directive 2011/65/EU
Reach compliant	According EC 1907/2006
Flammability test	According IEC 60332-1
Indoor / outdoor	UV resistant (UL1581, UVA, 720 h)
Circuit integrity	n/a
Smoke emissions	According IEC 61034
Zero halogen compounds	According EN 50267-2-1
	IEC 60754
Cabling standard	DMX & AES/EBU (IEC 60956 Type 1)

Mechanical Characteristics:

Temperature range	Fixed installation	- 68 °F till + 176 °F
	Mobile installation	- 59 °F till + 140 °F
Bending radius	Fixed installation	8 x outer diameter
	Mobile installation	10 x outer diameter

Electrical Characteristics:

Max. conductor	DC resistance	59.4 (Ω / Km)
Dielectric strength		1.5 (KV / 1 min. DC)
Rated voltage		300 V
Characteristic impedance		110 Ω ± 10 Ω